

For Research Use Only

PE Anti-Mouse CD40 (1C10)

Catalog Number: PE-65062

2 Publications



Basic Information

Catalog Number:

PE-65062

Size:

100ug, 0.1 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC029254

GeneID (NCBI):

21939

UNIPROT ID:

P27512

Full Name:

CD40 antigen

Purification Method:

Affinity purification

CloneNo.:

1C10

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

Mouse

Cited Species:

mouse

Background Information

CD40, also named as TNFRSF5 and Bp50, is a type I transmembrane protein that belongs to the tumor necrosis factor-R (TNF-R) family (PMID: 10647992). CD40 is expressed on B cells, dendritic cells (DCs), monocytes, platelets, and macrophages as well as by non-hematopoietic cells such as myofibroblasts, fibroblasts, epithelial, and endothelial cells (PMID: 19426221). It is a receptor for TNFSF5/CD40LG. CD40L/CD40 interactions are essential for immunoglobulin (Ig) isotype switching, germinal center formation and the development of B cell memory (PMID: 7516405; 11675497).

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Meng	39261658	Oncogene	FC
Yi Chen	38768811	J Adv Res	FC

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and a stabilizer.

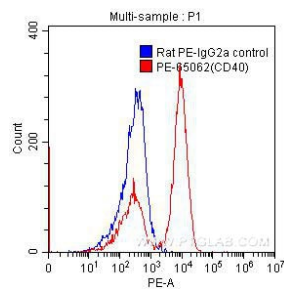
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 0.20 ug PE-Anti-Mouse CD40 (PE-65062, clone 1C10) (red) or 0.20 ug PE-rat IgG2a isotype control (blue). Cells were not fixed.